

Title (en)
SOFT PREEMPTION FEEDBACK

Title (de)
SOFT-PRÄEMPTIONS-RÜCKKOPPLUNG

Title (fr)
RETROACTION DE PREEMPTION SOUPLE

Publication
EP 1695313 B1 20120502 (EN)

Application
EP 04810789 A 20041110

Priority
• US 2004037728 W 20041110
• US 72560603 A 20031202

Abstract (en)
[origin: US7359386B2] Systems and methods for preemption of Traffic Engineering LSPs such that preemption decisions are made in a coordinated fashion along the path of a new LSP and computation of a new path for a preempted LSP can take advantage of knowledge of newly unavailable links. The efficiency of the preemption mechanism is greatly increased and the undesirable effects of heterogeneous preemption decisions are limited. The amount of signaling may also be significantly reduced. In one implementation, these advantages are achieved by exploiting an upstream preemption feedback mechanism that uses an incremental timer to delay preemption decisions until feedback is available.

IPC 8 full level
H04L 12/56 (2006.01); **H04L 12/26** (2006.01); **H04L 29/06** (2006.01)

CPC (source: EP US)
H04L 9/40 (2022.05 - EP US); **H04L 45/00** (2013.01 - EP US); **H04L 45/50** (2013.01 - EP US); **H04L 47/10** (2013.01 - US); **H04L 47/2433** (2013.01 - EP US); **H04L 47/245** (2013.01 - EP US); **H04L 47/70** (2013.01 - EP US); **H04L 47/74** (2013.01 - EP US); **H04L 47/765** (2013.01 - EP US); **H04L 47/805** (2013.01 - EP US); **H04L 47/824** (2013.01 - EP US); **H04L 47/825** (2013.01 - EP US); **H04L 47/826** (2013.01 - EP US); **H04L 69/28** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2005117512 A1 20050602; US 7359386 B2 20080415; AT E556516 T1 20120515; CN 100484046 C 20090429; CN 1902856 A 20070124; EP 1695313 A2 20060830; EP 1695313 A4 20101124; EP 1695313 B1 20120502; WO 2005060463 A2 20050707; WO 2005060463 A3 20061005

DOCDB simple family (application)
US 72560603 A 20031202; AT 04810789 T 20041110; CN 200480033475 A 20041110; EP 04810789 A 20041110; US 2004037728 W 20041110